Author Index

Bazjanac, V., 187
Brown, M. A., 1, 51

Dinan, T. M., 39

Englin, J., 73

Fazio, P., 201
Feuermann, D., 139
Feustel, H. E., 217
Flouquet, F. O., 109

Gadgil, A., 95
Goeltz, R., 19
Gruber, P., 177

Hadley, D., 11
Hirst, E., 3, 19
Hoffman, M. E., 149

Karlsson, B., 119
Keating, K. M., 1, 85
Kernevez, N., 109
Krishnamoorthy, S., 159

Lee, A., 73
Livingston, M., 127
Loyd, D., 119

McPherson, E. G., 127
Meier, A., 11
Miller, N. E., 11
Moshfegh, B., 119

Nordman, B., 11

Parker, D. S., 231
Peach, H. G., 85
Purucker, S. L., 51

Seth, D., 201
Sherman, M. H., 217
Simpson, J. R., 127
Singh Makkad, S., 95
Srinivasa Reddy, M., 159
Stovall, T. K., 31
Swaid, H., 149

Toedtli, J., 177
Tonn, B. E., 63
Trumble, D., 19, 39

White, D. L., 51, 63
Winkelmann, F., 187

Zaheer-uddin, M., 201

© Elsevier Sequoia/Printed in The Netherlands

Subject Index

Air flow
a simplified model for predicting, in multizone structures, 217

BLAST
intermodel comparisons between three PC programs and, 201

Climate
composite, heat flux and surface temperature variations in an unconditioned room of brick masonry construction in a, 159
Condensation
risk of: heat transfer at modern windows, 119

Data
behind the Hood River analyses, 11
using a model and empirical, to analyze manufactured home conservation retrofits, 73
Daylighting design
for the Pacific Museum of Flight; energy impacts, 187
Demonstration effort
a unique research and, The Hood River Conservation Project, 3
Demonstration Program
Residential Standards, thermal performance monitoring results from the, 231
Demonstration projects
what's in them for utilities? 85

Electricity
saving, or saving energy: monitored wood use in Hood River homes, 63
Electricity use
effects of the Hood River Conservation Project on, 19
Energy
saving, or saving electricity: monitored wood use in Hood River homes, 63
Energy impacts
daylighting design for the Pacific Museum of Flight, 187
Energy savings
of water-heater retrofits: evidence from Hood River, 51
Energy use
residential water and, in Tucson, AZ: effects of three landscape treatments on, 127
Energy-efficient stove
a safer space-heating and, for Himalayan regions: preliminary results, 95
Envelope thermal transmittances
measurement of, in multifamily buildings, 139

Ground surface temperature
impervious, prediction of, by surface thermal time constant (STTC) model, 149

Heat flux
and surface temperature variations in an unconditioned room of brick masonry construction in a composite climate, 159
Heating stove
an energy-efficient and safer space-, for the Himalayan regions: preliminary results, 95
Heat transfer
at modern windows — risk of condensation, 119
Heating system
solar, of a multifamily building: study of the performance of, 109
Hood River
energy savings of water-heater retrofits: evidence from, 51
Hood River analyses
the data behind, 11
Hood River Conservation Project
effects of, on electricity use, 19
load shape impacts of, 31
temperature takeback in the, 39
a unique research and demonstration effort, 3

Landscape treatments
effects of three, on residential energy and water use in Tucson, AZ, 127
Load shape impacts
of the Hood River Conservation Project, 31

Model
inter-, comparisons between three PC programs and BLAST, 201
a simplified, for predicting air flow in multizone structures, 217
using a, and empirical data to analyze manufactured home conservation retrofits, 73
Multifamily buildings
measurement of envelope thermal transmittances in, 139
study of the performance of the solar heating system of, 109
Multizone structures
a simplified model for predicting air flow in, 217

Pacific Museum of Flight
daylighting design for the: energy impacts, 187

Residential Standards Demonstration Program
thermal preformance monitoring results from the, 231
Retrofits
manufactured home conservation, using a model and empirical data to analyze, 73

© Elsevier Sequoia/Printed in The Netherlands

water-heater, energy savings of, evidence from Hood River, 51

Solar heating system
of a multifamily building: study of the performance of, 109
Storage capability
on the thermal, of a homogeneous wall under sinusoidal excitations, 177

Temperature
impervious ground surface, prediction of, by the surface thermal time constant (STTC) model, 149
surface, and heat flux variations in an unconditioned room of brick masonry construction in a composite climate, 159
Temperature takeback
in the Hood River Conservation Project, 39
Thermal performance
monitoring results from the Residential Standards Demonstration Program, 231
Thermal storage capability
on the, of a homogeneous wall under sinusoidal excitations, 177
Thermal time constant (STTC) model
surface, prediction of impervious ground surface temperature by the, 149
Thermal transmittances
envelope, measurement of, in multifamily buildings, 139

Wall
homogenous, on the thermal storage capability of a, under sinusoidal excitations, 177
Water use
residential energy and in Tucson, AZ: effects of three landscape treatments on, 127
Windows
modern, heat transfer at: risk of condensation, 119
Wood use
monitored, in Hood River homes: saving energy or saving electricity, 63